

FPM

3620 Interstate 85, N.E.
Doraville, Georgia 30340

3420 (84-3-19)

November 1, 1984

Mr. Dave Richey, Project Manager
Appalachian Trail Project
USDI National Park Service
P. O. Box 236
Harper's Ferry, West Virginia 25425

Dear Dave:

During the week of September 25, 1984, Dan Twardus and Brad Onken from the Forest Pest Management Field Office in Morgantown, West Virginia, and I hiked the Appalachian Trail from Harpers Ferry to Virginia Highway 7 at Snickers Gap. As you are aware, most of this section of the Trail was treated during the spring of 1984 as part of the cooperative gypsy moth suppression programs of Virginia and West Virginia. The purpose of this mission was to collect post-suppression data of gypsy moth populations along the Trail.

Two survey techniques were used during the course of this evaluation. Five-minute timed walks and one-fortieth acre fixed radius plots were established on the trail. At the end point of each five-minute walk a fixed radius plot was established. The only exception to this occurred in the area just north of Keyes Gap where fixed radius plots were placed between five-minute timed walks. The enclosed map shows the location of the end points of the timed walks, the location of the fixed radius plots and the total number of new egg masses observed during two five-minute walks and in the corresponding fixed radius plot.

New egg masses were very scarce throughout the survey area. The enclosed tables show expansion of the data collected to a per acre basis for the timed walks and fixed radius plots in which egg masses were observed.

Based on the expansion of the data, no observable defoliation caused by the gypsy moth is expected to occur along the Trail during the spring of 1985. Forest Pest Management personnel from the Morgantown, West Virginia and Doraville, Georgia Field Offices will continue to work closely with you and your staff concerning forest pest problems that may occur along the Appalachian Trail.

Mr. Dave Richey

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If I can provide additional information regarding this evaluation, let me know.

Sincerely,

WILLIAM A. CAROTHERS
Entomologist

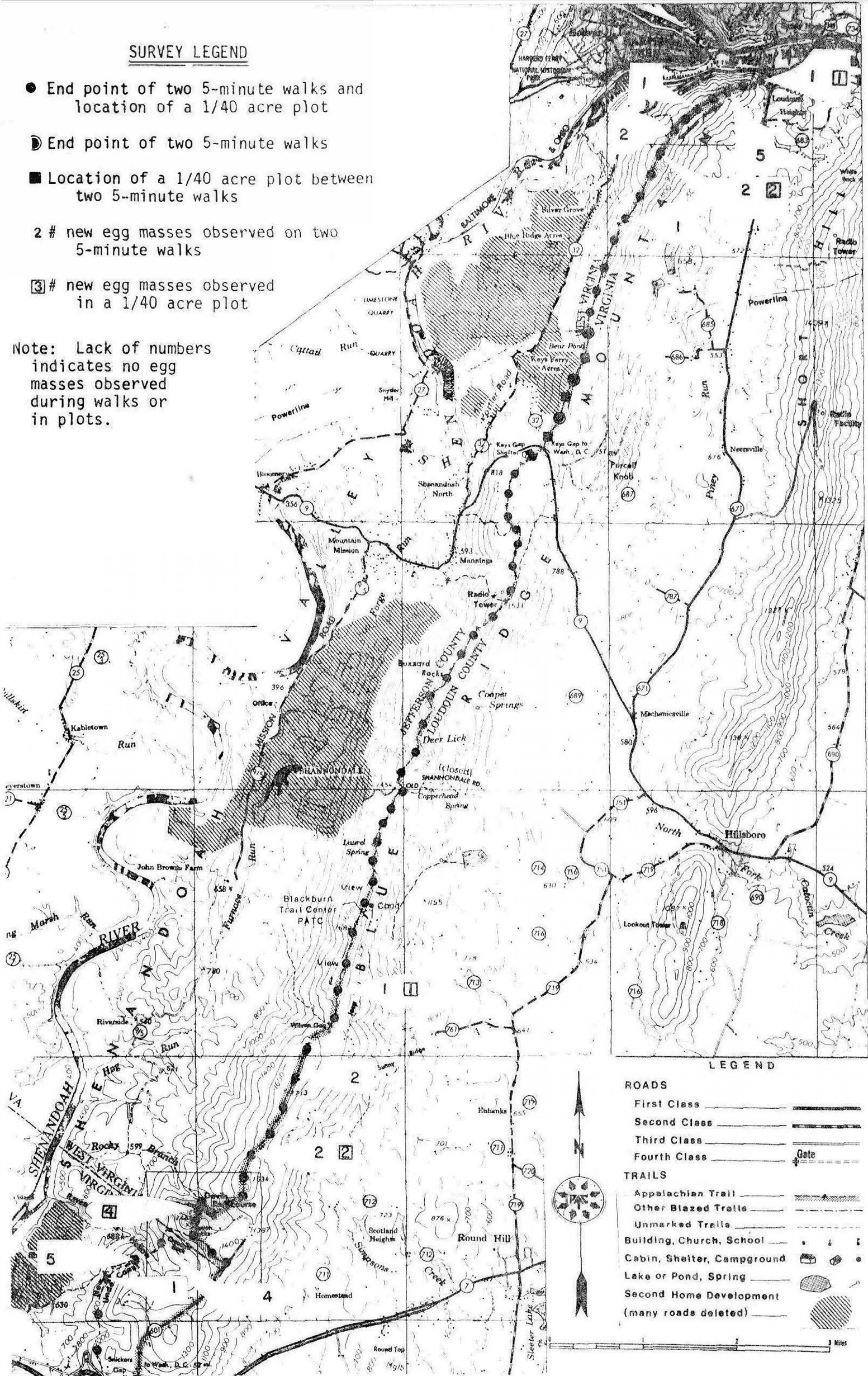
Enclosures

cc: Harold Flake
Ken Swain
Mike Ruggiero
Dan Twardus
Brad Onken
Bob Bailey
Cal Morris
FPM, Morgantown, WV

SURVEY LEGEND

- End point of two 5-minute walks and location of a 1/40 acre plot
- Ⓜ End point of two 5-minute walks
- Location of a 1/40 acre plot between two 5-minute walks
- 2 # new egg masses observed on two 5-minute walks
- 3 # new egg masses observed in a 1/40 acre plot

Note: Lack of numbers indicates no egg masses observed during walks or in plots.



LEGEND

ROADS

- First Class
- Second Class
- Third Class
- Fourth Class
- Gate

TRAILS

- Appalachian Trail
- Other Blazed Trails
- Unmarked Trails
- Building, Church, School
- Cabin, Shelter, Campground
- Lake or Pond, Spring
- Second Home Development (many roads deleted)

